

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A process for gelatinising starch and/or a starch derivative by subjecting starch and/or a starch derivative in the presence of a carbohydrate polymer to a thermo mechanical treatment, which carbohydrate polymer comprises aldehyde containing monomer units, whereby at least 1 % of the aldehyde containing monomer units have one aldehyde group per monomer unit which aldehyde group is derived from a primary alcohol group at the C-6 position.

2. (Canceled).

3. (Previously Presented) A process according to claim 1 or 2, wherein 1-50 % of the aldehyde containing monomer units have one aldehyde group per monomer unit.

4. (Previously Presented) A process according to claim 3, wherein 1-20 % of the aldehyde containing monomer units have one aldehyde group per monomer unit.

5. (Canceled).

6. (Previously Presented) A process according to claim 1, wherein the carbohydrate polymer comprises a-1,4-glucans (the "starch family"), β -1, 4-glucans (cellulose), glucomannans and galactomannans (guar and locust bean gum), arabinoxylans and xylans (hemicellulose) and β -2, 1 and β -2,6-fructans (inulin and levan).

7. (Original) A process according to claim 6, wherein the carbohydrate polymer comprises starch, cellulose, fructans, hemi-cellulose, and/or galactomannans.

8. (Currently Amended) A process ~~according to claim 1, wherein the one aldehyde group for gelatinising starch and/or a starch derivative by subjecting starch and/or a starch derivative in~~

the presence of a carbohydrate polymer to a thermo mechanical treatment, which carbohydrate polymer comprises aldehyde containing monomer units, whereby at least 1 % of the aldehyde containing monomer units have one aldehyde group per monomer unit which aldehyde group is derived from a primary alcohol group and is introduced in the monomer unit by means of protected aldehydes (acetals) or substituted unsaturated functionalities followed by oxidation of through hindered nitroxyl mediated oxidation.

9. (Canceled).

10. (Previously Presented) A process according to claim 1, wherein the thermo mechanical treatment is carried out at a temperature in the range of from 80- 130°C.

11. (Previously Presented) A process according to claim 1, wherein the thermo mechanical treatment is carried out continuously.

12. (Currently Amended) A granulate of thermoplastic starch that comprises a carbohydrate polymer in an amount in the range of from 3 to 75 weight %, based on total thermoplastic starch, a polyol or urea as plasticizer and water, which carbohydrate polymer comprises aldehyde containing monomer units, whereby at least 1 % of the aldehyde containing units have one aldehyde group per monomer unit which one aldehyde group is derived from a primary alcohol group at the C-6 position.

13. (Currently Amended) A shaped starch product that comprises thermoplastic starch and a carbohydrate polymer, wherein the carbohydrate polymer is present in an amount in the range of from 3 to 75 weight %, based on total thermoplastic starch, a polyol or urea as plasticizer and water, which carbohydrate polymer comprises aldehyde containing monomer units, whereby at least 1% of the aldehyde containing units have one aldehyde group per

monomer unit which one aldehyde group is derived from a primary alcohol group at the C-6 position.

14. (Currently Amended) A blown starch film that comprises a thermoplastic starch and a carbohydrate polymer, wherein the carbohydrate polymer is present in an amount in the range of from 3 to 75 weight %, based on total thermoplastic starch, a polyol or urea as plasticizer and water, which carbohydrate polymer comprises aldehyde containing monomer units, whereby at least 1% of the aldehyde containing units have one aldehyde group per monomer unit which one aldehyde group is derived from a primary alcohol group at the C-6 position.

15. (Previously Presented) A granulate of thermoplastic starch according to claim 12 comprising in addition a polyester.

16. (Currently Amended) A food product that comprises a food component and a carbohydrate polymer, which carbohydrate polymer comprises aldehyde containing monomer units, whereby at least 1 % of the aldehyde containing monomer units have one aldehyde group per monomer unit which one aldehyde group is derived from a primary alcohol group at the C-6 position.

17. (Previously Presented) A shaped starch product according to claim 13, comprising in addition a polyester.

18. (Previously Presented) A blown starch film according to claim 14, comprising in addition a polyester.

19. (Previously Presented) A process according to claim 1, wherein the thermo mechanical treatment is an extrusion.